

THE ALGAE OF NEW JERSEY (U.S.A.) XIII. CHLOROPHYTA (GREEN ALGAE). D. ZYGNEMATALES (ZYGNEMATACEAE AND MESOTAENIACEAE)

MaryAnn Foote
College of Mount St. Vincent
Riverdale, New York 10471

This is the thirteenth paper in the series examining the distribution of algae in the state of New Jersey. The genera are listed alphabetically and the collection dates chronologically within them. Further ecological data may be obtained from the original sources. Publication was made possible by a Faculty Development Grant, College of Mt. St. Vincent.

CHLOROPHYTA

ZYGNEMATALES

GREEN ALGAE

Mougeotia capucina (Bory) Ag
state (3)

Mougeotia genuflexa (Dillw) Ag
state (3)

Mougeotia nummuloides (Hass) DeToni
state (3)

Mougeotia quadrangulata Hass
state (3)

Mougeotia robusta (De Bary) Wittr
state (3)

Mougeotia scalaris Hass
state (3)

Mougeotia sphaerocarpa Wolle
ponds (1); Sussex Co (2); state (3)

Mougeotia tenuis (Cleve) Wittr
state (3)

Mougeotia veridis (Kutz) Wittr
state (3); D/R canal (6)

Pleurodiscus purpureus (Wolle) Lager
state (4)

Spirogyra bellis (Hass) Cleve
streams and ponds (2); state (3)

Spirogyra calospora Cleve
streams and ponds (2)

- Spirogyra cleveana Transeau
New Brunswick golf course ditch (7)
- Spirogyra communis (Hass) Kutz
streams and ponds (2); state (3)
- Spirogyra condensata (Vauch) Kutz
streams and ponds (2); state (3)
- Spirogyra crassa Kutz
streams and ponds (2); state (3)
- Spirogyra fluviatilis Hilse
streams and ponds (2)
- Spirogyra grevilleana (Hass) Kutz
streams and ponds (2); state (3)
- Spirogyra inflata (Vauch) Kutz
streams and ponds (2); state (3)
- Spirogyra insignis (Hass) Kutz
state (1,3); streams and ponds (2)
- Spirogyra longata (Vauch) Kutz
streams and ponds (2); state (3)
- Spirogyra majuscula Kutz
streams and ponds (2)
- Spirogyra nitida (Dillw) Link
state (2,3)
- Spirogyra porticolis (Muller) Cleve
state (3)
- Spirogyra protecta Wood
state (3)
- Spirogyra punctata Cl
Pleasant Mills (1,2); state (3)
- Spirogyra quinina (Ag) Kutz
streams and ponds (2)
- Spirogyra rivularis (Hass) Rab
streams and ponds (2)
- Spirogyra setiformis (Roth) Kutz
streams and ponds (2); state (3)
- Spirogyra tenuissima var rugosa Transeau
state (5)

Spirogyra varians (Hass) Kutz
streams and ponds (2); state (3)

Spirogyra weberi Kutz
state (3)

Zygnema cruciatum (Vauch) Ag
streams and ponds (2); state (3)

Zygnema insigna (Hass) Kutz
streams and ponds (2); state (3)

Zygnema pectinatum (Vauch) Ag
state (3)

Zygnema purpureum Wolle
common in ponds (1); streams and ponds (2)

Zygnema stellinum (Muller) Ag
streams and ponds (2); state (3)

Zygnema tenue Rab
state (2)

Zygnema vaucheria Ag
streams and ponds (2)

REFERENCES

1. Wolle, F. 1887. Freshwater Algae of the United States. Vol 1. The Commenius Press. Bethlehem, Pa. 364 p.
2. Britton, W. 1889. Catalogue of Plants Found in New Jersey. John L. Murphy Pub Co. Trenton, N.J.
3. Collins, F.S. 1928. Green Algae of North America. G.E. Stechert & Co. N.Y. 400 p.
4. _____ . 1928. Supplemental Paper. G.E. Stechert & Co. N.Y. 47 p.
5. _____ . 1928. Second Supplemental Paper. G.E. Stechert & Co. 106 p.
6. Renlund, R.W. 1953. Ph.D. dissertation. Rutgers University. New Brunswick, N.J.
7. Keller, J.M. 1954. Ph.D. Dissertation. Rutgers University. New Brunswick, N.J.